

Storm Data and Unusual Weather Phenomena - August 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Central				
(IL-Z027) KNOX, (IL-Z028) STARK, (IL-Z029) PEORIA, (IL-Z030) MARSHALL, (IL-Z031) WOODFORD, (IL-Z036) FULTON, (IL-Z037) TAZEWELL, (IL-Z038) MCLEAN, (IL-Z040) SCHUYLER, (IL-Z041) MASON, (IL-Z042) LOGAN, (IL-Z043) DE WITT, (IL-Z044) PIATT, (IL-Z045) CHAMPAIGN, (IL-Z046) VERMILION, (IL-Z047) CASS, (IL-Z048) MENARD, (IL-Z049) SCOTT, (IL-Z050) MORGAN, (IL-Z051) SANGAMON, (IL-Z052) CHRISTIAN, (IL-Z053) MACON, (IL-Z054) MOULTRIE, (IL-Z055) DOUGLAS, (IL-Z056) COLES, (IL-Z057) EDGAR, (IL-Z061) SHELBY, (IL-Z062) CUMBERLAND, (IL-Z063) CLARK, (IL-Z066) EFFINGHAM, (IL-Z067) JASPER, (IL-Z068) CRAWFORD, (IL-Z071) CLAY, (IL-Z072) RICHLAND, (IL-Z073) LAWRENCE	08/01/12 00:00 CST	0		Drought
	08/31/12 23:59 CST	0		

An extended period of dry weather continued to worsen across central and southeast Illinois during the month of August. Despite near normal monthly rainfall totals of 3 to 4 inches in many locations...yearly deficits since January 1st remained in the 8 to 13 inch range. The prolonged period of dry weather caused nearly all of central and southeast Illinois to be upgraded to the Extreme Drought Category (D3)...while Lawrence and Crawford counties in southeast Illinois persisted in an Exceptional Drought (D4).

STARK COUNTY --- TOULON [41.10, -89.87]				
	08/04/12 13:14 CST	2K		Thunderstorm Wind (EG 56 kt)
	08/04/12 13:19 CST	0		Source: Trained Spotter

A three-foot diameter tree was blown down in Toulon.

An approaching cold front triggered scattered thunderstorms across north-central Illinois during the afternoon of August 4th. A few of the storms produced damaging wind gusts of 60 to 70 mph, resulting in minor wind damage in Stark County.

DOUGLAS COUNTY --- 2.0 SW TUSCOLA [39.78, -88.31]				
	08/08/12 15:45 CST	0		Hail (1.00 in)
	08/08/12 15:46 CST	0		Source: Broadcast Media

CLAY COUNTY --- FLORA [38.67, -88.48]				
	08/08/12 16:18 CST	4K		Thunderstorm Wind (EG 61 kt)
	08/08/12 16:23 CST	0		Source: Emergency Manager

A large tree was blown down onto a deck.

CLAY COUNTY --- CLAY CITY [38.68, -88.35]				
	08/08/12 16:33 CST	18K		Thunderstorm Wind (EG 61 kt)
	08/08/12 16:38 CST	0		Source: Emergency Manager

Several trees and tree limbs were blown down. Power lines were also knocked down.

CLAY COUNTY --- CLAY CITY [38.68, -88.35]				
	08/08/12 16:33 CST	20K		Thunderstorm Wind (EG 61 kt)
	08/08/12 16:38 CST	0		Source: Emergency Manager

The roof of a building was blown off at the corner of 5th and Walnut Street in Clay City. The roof of a trailer was also blown off, and a tree was knocked down onto a house.

CLAY COUNTY --- FLORA [38.67, -88.48]				
	08/08/12 17:47 CST	2K		Thunderstorm Wind (EG 61 kt)
	08/08/12 17:52 CST	0		Source: Emergency Manager

A 13-inch diameter tree was blown down on the 700 block of West 12th Street.

CLAY COUNTY --- FLORA [38.67, -88.48]				
	08/08/12 18:00 CST	5K		Lightning
	08/08/12 18:01 CST	0		Source: Law Enforcement

Lightning struck Highway 50 in Flora, creating a hole 12 inches wide and 6 inches deep.

An upper-level disturbance tracking eastward out of Missouri triggered scattered strong to severe thunderstorms across portions of east-central and southeast Illinois during the afternoon and early evening of August 8th. One cell dropped quarter-sized hail in Douglas County, while other storms produced wind damage across Clay County.

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PEORIA COUNTY --- MOSSVILLE [40.82, -89.57]				
	08/09/12 14:05 CST		4K	Thunderstorm Wind (EG 52 kt)
	08/09/12 14:10 CST		0	Source: Trained Spotter
A 12-inch diameter tree was blown down, bringing a power line down with it. A road was blocked by the tree.				
MARSHALL COUNTY --- TOLUCA [41.00, -89.13]				
	08/09/12 14:35 CST		0	Hail (1.00 in)
	08/09/12 14:36 CST		0	Source: Emergency Manager
MARSHALL COUNTY --- TOLUCA [41.00, -89.13]				
	08/09/12 14:35 CST		25K	Thunderstorm Wind (EG 52 kt)
	08/09/12 14:40 CST		0	Source: Emergency Manager
Numerous trees and power lines were blown down in Toluca.				
MARSHALL COUNTY --- WENONA [41.05, -89.05]				
	08/09/12 14:35 CST		0	Hail (1.00 in)
	08/09/12 14:36 CST		0	Source: Mesonet
MCLEAN COUNTY --- DANVERS [40.53, -89.17]				
	08/09/12 15:06 CST		25K	Thunderstorm Wind (EG 70 kt)
	08/09/12 15:08 CST		0	Source: Emergency Manager
Numerous trees and tree branches were blown down in Danvers.				
MCLEAN COUNTY --- DANVERS [40.53, -89.17], 6.6 W (BMI)BLOOMNGTN/NORMA [40.48, -89.05]				
	08/09/12 15:08 CST		3.50M	Thunderstorm Wind (EG 70 kt)
	08/09/12 15:20 CST	1	0	Source: Emergency Manager
Downburst winds of 70 to 80 mph produced a wide swath of damage from Danvers southeastward into the southwest side of Bloomington. One of the hardest hit locations along this path was the Apollo Acres subdivision just north of Illinois Route 9, where 159 homes sustained damage. 139 of those homes had awnings or shingles damaged, while 19 suffered minor roof and window damage, and 1 home had one-third of its roof torn off. Total damage in Apollo Acres was around \$1 million. Other significant damage occurred along the path of the storm, including numerous downed trees, trailers blown over, and several large metal buildings with doors blown in and roofs torn off. Total damage to 30 businesses along the path was estimated at around \$2.5 million. One minor injury was reported, as a car was hit by a wind-blown trailer.				
MCLEAN COUNTY --- 1.5 SSE TWIN GROVE [40.48, -89.07]				
	08/09/12 15:25 CST		0	Hail (1.50 in)
	08/09/12 15:26 CST		0	Source: Law Enforcement
MCLEAN COUNTY --- 3.0 SW BLOOMINGTON [40.45, -89.02]				
	08/09/12 15:25 CST		0	Hail (1.00 in)
	08/09/12 15:26 CST		0	Source: NWS Employee
MCLEAN COUNTY --- 3.0 SW BLOOMINGTON [40.45, -89.02]				
	08/09/12 15:27 CST		0	Hail (0.88 in)
	08/09/12 15:28 CST		0	Source: NWS Employee
MCLEAN COUNTY --- 1.4 N HEYWORTH [40.34, -88.98]				
	08/09/12 15:35 CST		0	Hail (1.50 in)
	08/09/12 15:36 CST		0	Source: Mesonet
Hail damaged crops along a 1.5 mile-long/50 yards-wide swath just north of Heyworth.				
CHAMPAIGN COUNTY --- 2.0 SW CHAMPAIGN [40.10, -88.28]				
	08/09/12 16:45 CST		60K	Thunderstorm Wind (EG 61 kt)
	08/09/12 16:50 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - August 2012

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Strong thunderstorm winds produced damage across a 2 square mile area on the west and southwest side of Champaign. Numerous tree branches and power lines were blown down, creating a power outage for several hours. The damage was bounded by Springfield Avenue on the north, Prospect Avenue on the east, Windsor Avenue on the south, and Duncan Road on the west.				

CHAMPAIGN COUNTY --- 3.0 N PHILO [40.04, -88.15]

08/09/12 17:00 CST	0	Hail (0.75 in)
08/09/12 17:01 CST	0	Source: Trained Spotter

CHAMPAIGN COUNTY --- 0.7 N BLOCK [39.98, -88.08]

08/09/12 17:05 CST	50K	Thunderstorm Wind (EG 61 kt)
08/09/12 17:10 CST	0	Source: Emergency Manager

Ten train cars were derailed by strong winds about 3 miles south of Sidney.

CHAMPAIGN COUNTY --- 0.7 S SIDNEY [40.01, -88.07]

08/09/12 17:06 CST	15K	Thunderstorm Wind (EG 61 kt)
08/09/12 17:11 CST	35K	Source: Trained Spotter

A few trees were topped and several power lines were blown down just south of Sidney. In addition, a corn field was flattened.

CHAMPAIGN COUNTY --- 1.4 N SIDNEY [40.04, -88.07]

08/09/12 17:06 CST	8K	Thunderstorm Wind (EG 61 kt)
08/09/12 17:11 CST	0	Source: Emergency Manager

A tree branch was blown onto a vehicle on County Road 1100 North about 1.5 miles north of Sidney.

CHAMPAIGN COUNTY --- SIDNEY [40.02, -88.07]

08/09/12 17:06 CST	20K	Thunderstorm Wind (EG 61 kt)
08/09/12 17:11 CST	0	Source: Trained Spotter

Numerous tree branches were blown down.

CHAMPAIGN COUNTY --- PHILO [40.00, -88.15]

08/09/12 17:07 CST	0	Thunderstorm Wind (EG 61 kt)
08/09/12 17:15 CST	0	Source: Trained Spotter

Several tree limbs were blown down.

CHAMPAIGN COUNTY --- BROADLANDS [39.92, -88.00]

08/09/12 17:15 CST	0.35M	Thunderstorm Wind (EG 61 kt)
08/09/12 17:20 CST	0	Source: Emergency Manager

Numerous trees and tree branches were blown down. Roof damage was reported to 29 structures. A garage was destroyed and several machine sheds were severely damaged or destroyed. In addition, a grain silo was damaged.

EDGAR COUNTY --- HUME [39.80, -87.87]

08/09/12 17:33 CST	15K	Thunderstorm Wind (EG 61 kt)
08/09/12 17:38 CST	0	Source: Trained Spotter

Three power poles were snapped and several tree branches were blown down.

EDGAR COUNTY --- METCALF [39.80, -87.80]

08/09/12 17:35 CST	3K	Thunderstorm Wind (EG 61 kt)
08/09/12 17:40 CST	0	Source: Mesonet

Three large trees were blown down.

A vigorous upper-level disturbance interacting with an approaching cold front triggered scattered severe thunderstorms across north-central Illinois during the afternoon and early evening of August 9th. Most of the storms impacted locations along and north of a Peoria...to Bloomington...to Paris line. Downburst winds of 70 to 80 mph produced extensive damage across McLean County from near Danvers to just north of Heyworth. Other cells produced widespread wind damage across Champaign and Edgar counties. In addition to the wind damage, large hail up to the size of half dollars was reported north of Heyworth in McLean County.

Storm Data and Unusual Weather Phenomena - August 2012

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WOODFORD COUNTY --- 1.7 WNW METAMORA [40.79, -89.38]				
	08/16/12 07:16 CST		0	Hail (0.75 in)
	08/16/12 07:17 CST		0	Source: Emergency Manager
FULTON COUNTY --- FARMINGTON [40.70, -90.00]				
	08/16/12 09:55 CST		0	Hail (1.00 in)
	08/16/12 09:56 CST		0	Source: Emergency Manager
CHAMPAIGN COUNTY --- ST JOSEPH [40.12, -88.03]				
	08/16/12 12:50 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/16/12 12:55 CST		0	Source: Storm Chaser
Several 5 to 6-inch diameter tree branches were blown down at the high school.				
SANGAMON COUNTY --- PAWNEE [39.58, -89.58]				
	08/16/12 13:45 CST		4K	Thunderstorm Wind (EG 52 kt)
	08/16/12 13:50 CST		0	Source: Emergency Manager
Two power poles were snapped along 4th Street in Pawnee.				
CHRISTIAN COUNTY --- 2.0 N TAYLORVILLE [39.58, -89.30]				
	08/16/12 14:00 CST		0	Hail (1.00 in)
	08/16/12 14:01 CST		0	Source: Emergency Manager
SHELBY COUNTY --- TOWER HILL [39.38, -88.97]				
	08/16/12 14:20 CST		0	Thunderstorm Wind (EG 70 kt)
	08/16/12 14:25 CST		0	Source: Emergency Manager
A 3-foot diameter tree was uprooted.				
CHRISTIAN COUNTY --- PANA [39.38, -89.08]				
	08/16/12 14:32 CST		30K	Thunderstorm Wind (EG 70 kt)
	08/16/12 14:37 CST		0	Source: Mesonet
Numerous 12 to 18-inch diameter trees were blown down. Power lines were knocked down as well.				
SHELBY COUNTY --- WINDSOR [39.43, -88.60]				
	08/16/12 14:36 CST		3.20M	Thunderstorm Wind (EG 80 kt)
	08/16/12 14:41 CST		0	Source: Emergency Manager
Hundreds of trees were uprooted in the town of Windsor. Several trees and large branches damaged about 200 house roofs in town. The strong wind also blew shingles off of many houses. One house on the west side of town was pushed several inches off of its foundation. Power poles snapped, power lines were knocked down and a few flag poles were bent.				
SHELBY COUNTY --- WINDSOR [39.43, -88.60]				
	08/16/12 14:36 CST		8K	Thunderstorm Wind (EG 70 kt)
	08/16/12 14:41 CST		0	Source: COOP Observer
A 2-foot diameter tree was blown down. Numerous tree branches were knocked down as well, many of which blocked roads.				
SHELBY COUNTY --- WINDSOR [39.43, -88.60]				
	08/16/12 14:40 CST		25K	Thunderstorm Wind (EG 70 kt)
	08/16/12 14:45 CST		0	Source: COOP Observer
Several power poles and power lines were blown down. The siding was torn off a trailer.				
MOULTRIE COUNTY --- 1.3 ENE GAYS [39.46, -88.48]				
	08/16/12 14:45 CST		24K	Thunderstorm Wind (EG 70 kt)
	08/16/12 14:50 CST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - August 2012

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Several trees were blown down about 1 mile east of Gays.				
MOULTRIE COUNTY --- GAYS [39.45, -88.50]				
	08/16/12 14:45 CST		25K	Thunderstorm Wind (EG 70 kt)
	08/16/12 14:50 CST		0	Source: Emergency Manager
A gabled roof of a church was torn off. Numerous trees and tree branches were blown down across town.				
COLES COUNTY --- MATTOON [39.48, -88.37]				
	08/16/12 14:50 CST		65K	Thunderstorm Wind (EG 70 kt)
	08/16/12 14:55 CST		0	Source: Mesonet
Numerous trees and power poles were blown down across Mattoon. Electricity was knocked out to many residents for about 2 hours. Power lines were blown down and blocked Lake Mattoon Road.				
COLES COUNTY --- 2.1 W MATTOON [39.48, -88.41]				
	08/16/12 14:55 CST		40K	Thunderstorm Wind (EG 70 kt)
	08/16/12 15:00 CST	2	0.10M	Source: Mesonet
Numerous trees were blown down and a few power poles were snapped along Route 16 west of Mattoon. Two people were injured when they were hit by falling tree branches as they were trying to take shelter from the storm. A semi and trailer were blown over on Route 16 2 miles west of Mattoon. Many corn fields sustained wind damage as well.				
COLES COUNTY --- CHARLESTON [39.48, -88.18]				
	08/16/12 15:00 CST		30K	Thunderstorm Wind (EG 70 kt)
	08/16/12 15:05 CST		0	Source: Emergency Manager
Several tree limbs were blown down across Charleston. A power pole was knocked down as well.				
COLES COUNTY --- LERNA [39.42, -88.28]				
	08/16/12 15:00 CST		35K	Thunderstorm Wind (EG 70 kt)
	08/16/12 15:05 CST		0	Source: Emergency Manager
Numerous trees and power lines were blown down in Lerna.				
CUMBERLAND COUNTY --- NEOGA [39.32, -88.45], HAZEL DELL [39.20, -88.05]				
	08/16/12 15:05 CST		50K	Thunderstorm Wind (EG 70 kt)
	08/16/12 15:16 CST		0	Source: Emergency Manager
Numerous trees and tree branches were blown down across Cumberland County. Large branches were knocked down onto 3 houses in Janesville. Power lines were blown down, resulting in a power outage in Greenup.				
EFFINGHAM COUNTY --- BEECHER CITY [39.18, -88.77], ELLIOTTSTOWN [39.00, -88.45]				
	08/16/12 15:08 CST		30K	Thunderstorm Wind (EG 61 kt)
	08/16/12 15:30 CST		0	Source: Emergency Manager
Several trees were blown down in various locations across Effingham County.				
CLARK COUNTY --- MARTINSVILLE [39.33, -87.88]				
	08/16/12 15:20 CST		40K	Thunderstorm Wind (EG 61 kt)
	08/16/12 15:25 CST		0	Source: Emergency Manager
Numerous trees were blown down, including a 20-inch diameter tree that fell onto power lines. Power was knocked out throughout Martinsville.				
CLAY COUNTY --- 0.9 NW OSKALOOSA [38.76, -88.66]				
	08/16/12 15:30 CST		2K	Thunderstorm Wind (EG 61 kt)
	08/16/12 15:35 CST		0	Source: Law Enforcement
A tree was blown down about 1 mile northwest of Oskaloosa near the Clay and Marion County line.				
JASPER COUNTY --- 1.0 S WHEELER [39.04, -88.32]				

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	08/16/12 15:35 CST		0	Hail (1.00 in)
	08/16/12 15:36 CST		0	Source: Emergency Manager
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JASPER COUNTY --- 1.0 SW LATONA [38.97, -88.33]				
	08/16/12 15:35 CST		0	Hail (1.00 in)
	08/16/12 15:36 CST		0	Source: Emergency Manager
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JASPER COUNTY --- NEWTON [38.98, -88.17]				
	08/16/12 15:35 CST		25K	Thunderstorm Wind (EG 61 kt)
	08/16/12 15:40 CST		0	Source: Emergency Manager
Numerous tree branches and power lines were blown down in Newton.				
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CRAWFORD COUNTY --- ROBINSON [39.00, -87.73]				
	08/16/12 15:45 CST		0	Thunderstorm Wind (EG 61 kt)
	08/16/12 15:50 CST		0	Source: Mesonet
Several trees were blown down in Robinson.				
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CLAY COUNTY --- 1.0 W LOUISVILLE [38.77, -88.52]				
	08/16/12 15:50 CST		2K	Thunderstorm Wind (EG 61 kt)
	08/16/12 15:55 CST		0	Source: Emergency Manager
A tree was blown down about 1 mile west of Louisville.				
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CLAY COUNTY --- FLORA [38.67, -88.48]				
	08/16/12 15:55 CST		3K	Thunderstorm Wind (EG 61 kt)
	08/16/12 16:00 CST		0	Source: Emergency Manager
A tree was blown down in Flora, and another was knocked down about 1 mile northwest of town.				
<p>A vigorous upper-level disturbance in conjunction with an approaching cold front triggered periods of showers and thunderstorms across central Illinois on August 16th. A few storms produced marginally severe hail during the morning across north-central Illinois. As the atmosphere destabilized further, severe thunderstorms developed along the cold front during the afternoon...mainly impacting locations along and east of a Champaign-Urbana to Taylorville line. Wind gusts of 70 to 90 mph produced widespread damage across portions of Christian...Shelby...Moultrie...and Coles counties. The town of Windsor in Shelby County was hardest hit, with more than \$3 Million in damage.</p>				
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FULTON COUNTY --- ASTORIA [40.23, -90.35]				
	08/26/12 15:20 CST		25K	Thunderstorm Wind (EG 52 kt)
	08/26/12 15:25 CST		0	Source: Broadcast Media
Numerous trees and tree branches were blown down in Astoria. In addition, two light-weight open-ended vehicle shelters were flipped.				
<p>An approaching cold front triggered scattered thunderstorms across central Illinois during the afternoon of August 26th. One of the cells produced damaging wind gusts in Astoria in Fulton County. Showers and thunderstorms continued into the evening hours, producing 2 to 3 inches of rain along and north of the I-74 corridor.</p>				
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MORGAN COUNTY --- 0.8 SE FRANKLIN [39.61, -90.04], 0.5 SE FRANKLIN [39.61, -90.04]				
	08/31/12 16:12 CST		0.23M	Tornado (EF1, L: 0.25 mi , W: 75 yd)
	08/31/12 16:13 CST	1	0	Source: Emergency Manager
A tornado touched down about 0.8 miles south of Franklin at 5:12 PM CDT, then tracked north-northwest before lifting 0.5 miles south of Franklin at 5:13 PM CDT. The tornado destroyed an auto shop and damaged the roof of a house on the south side of Franklin. A mobile home was rolled off its foundation onto Illinois Route 104, injuring one person inside. Several trees were blown down and numerous tree branches were knocked down as well.				
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MORGAN COUNTY --- 0.7 NE REES STATION [39.64, -90.09], 0.6 NNE REES STATION [39.64, -90.09]				
	08/31/12 16:32 CST		0	Tornado (EF0, L: 0.16 mi , W: 10 yd)
	08/31/12 16:33 CST		0	Source: Emergency Manager
A tornado briefly touched down in a field about 3 miles northwest of Franklin at 5:32 PM CDT. No damage occurred.				

Remnants of Hurricane Isaac tracked northward into Missouri on August 31st, producing showers and and isolated thunderstorms

Storm Data and Unusual Weather Phenomena - August 2012

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across west-central Illinois. One of the cells produced two brief tornado touch-downs near the town of Franklin in Morgan County. Tree and structural damage occurred on the south side of Franklin and one person was injured when his mobile home was damaged.				
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